

19990430.qrp v01_n443.qrl.990430

Date: Fri, 30 Apr 1999 19:03:21 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1443

QRP-L Digest 1443

Topics covered in this issue include:

- 1) [39305] PLEASE TURN OFF QUOTES in reply
by "rohre" <rohre@arlut.utexas.edu>
- 2) [39306] over the ear speaker
by "C. M. Tyler" <k5gq@juno.com>
- 3) [39307] QRPpark inclusion
by "Scott Robbins - VE7CCY" <kc_sr@hotmail.com>
- 4) [39308] Re: info - Heathkit HD-1250
by mahlon.r.haunschild@ac.com
- 5) [39309] To Add Tick to a Smite
by Terres Family <terresfm@ncia.net>
- 6) [39310] Antennas
by "Perley Urquhart" <n1yuk@nemaine.com>
- 7) [39311] Re: Vacuum Tube Code Practice Oscillator
by Randy and Cara Randall <crrandal@seidata.com>
- 8) [39312] Re: [39283] Re: vanity call wait
by Jeff Johns <jeffj@scott.net>
- 9) [39313] Vacuum Tube Projects
by "Frank Grigaliunas" <fgrig@iea.com>
- 10) [39314] Vacuum Tube Projects
by "Frank Grigaliunas" <fgrig@iea.com>
- 11) [39315] Re: Pip Squeek Regen info
by Joe Everhart <n2cx@voicenet.com>
- 12) [39316] QRP Quarterly
by RayAnNuzzo@aol.com
- 13) [39317] Loaded Sierra Transceiver For Sale
by "Bruce Prior" <n7rr@hotmail.com>
- 14) [39318] Re: 2SC799's? / 2N4416A's!
by Russell Hines <radioruss@fuse.net>
- 15) [39319] I ACCEPT!!!
by "Paul R. Valko" <prvalko@oakland.edu>
- 16) [39320] Funkamateer PA -- TR1 Fix (Kinda Long)
by Jerry Henshaw <jhenshaw@bellsouth.net>
- 17) [39321] Re: QRP Quarterly
by Ron Stark <ku7y@dri.edu>
- 18) [39322] Re: Funkamateer PA -- TR1 Fix (Kinda Long)
by Roger Hightower <n7kt@earthlink.net>
- 19) [39323] Re: vanity call wait

- by Glen Reid <k5fx@flash.net>
- 20) [39324] Re: Chernobyl Virus and reformatting HD
by "aluscre" <aluscre@neo.rr.com>
- 21) [39325] QRPTTF Taco Heaven
by windish@ix.netcom.com
- 22) [39326] Building the 2N2 from internet plans--not!
by PDouglas12@aol.com
- 23) [39327] QRPTTF report
by Gary Harrison <k0bc@ipa.net>
- 24) [39328] Another QRPTTF Report
by jsm@intergate.bc.ca (Steve McDonald)
- 25) [39329] bo-k VE5HQ
by "Down" <adown@sprint.ca>
- 26) [39330] WTB:Wilderness Sierra
by "Kelly Ellison" <kelman@dialnet.net>
- 27) [39331] Re: Building the 2N2 from internet plans--not!
by "Frank Grigaliunas" <fgrig@iea.com>
- 28) [39332] Norcal 20 Help
by "John R. Doherty" <jdoherty@snet.net>
- 29) [39333] Re: NA5N mail bouncing
by Chuck Adams <adams@ticnet.com>
- 30) [39334] Beacon
by "Charles Hamel" <cdhamel@pdq.net>
- 31) [39335] AW: Funkamateur PA
by "Peter Zenker" <Peter_DL2FI@csi.com>
- 32) [39336] AW: Funkamateur PA -- TR1 Fix
by "Peter Zenker" <Peter_DL2FI@csi.com>
- 33) [39337] eMail snitching
by "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
- 34) [39338] Re: Chernobyl Virus and reformatting HD
by "Mike Yetsko" <myetsko@insydesw.com>
- 35) [39339] Re: PLEASE TURN OFF QUOTES in reply
by "Mike Yetsko" <myetsko@insydesw.com>
- 36) [39340] Re: Building the 2N2 from internet plans--not!
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 37) [39341] Any Room space for Dayton
by "Paul Gerhardt" <pgerhardt@hotmail.com>
- 38) [39342] Re: Beacon
by Richard Rood <fcs@juno.com>
- 39) [39343] Re: TURN OFF QUOTES
by w4pj@w4bkx.ampr.org
- 40) [39344] Ramsey QRP xmiters
by Randy Randall <RANDALLR@Healthall.com>
- 41) [39345] long posts
by "Jerry W. O'Dell" <jwodell@ameritech.net>
- 42) [39346] Re: PLEASE TURN OFF QUOTES in reply
by Bruce Muscolino <w6toy@erols.com>
- 43) [39347] Re: long posts

by Bruce Muscolino <w6toy@erols.com>
44) [39348] Height and Lobe emergence
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
45) [39349] Re: Ramsey QRP xmiters
by "Mike Yetzko" <myetzko@insydesw.com>
46) [39350] Re: PLEASE TURN OFF QUOTES in reply
by Ron Stark <ku7y@dri.edu>
47) [39351] Re: PLEASE TURN OFF QUOTES in reply
by "Steven Weber" <kd1jv@moose.ncia.net>
48) [39352] RE: NC20 Sidetone Mod
by Larry East <w1hue@amsat.org>
49) [39353] Re: PLEASE TURN OFF QUOTES in reply
by "Chris Cieslak" <ccieslak@law.uiuc.edu>
50) [39354] Re: PLEASE TURN OFF QUOTES in reply
by applitech@mcg.net (Claton Cadmus)
51) [39355] Re: TURN OFF QUOTES
by "John L. Sielke" <n4js@pobox.com>
52) [39356] Re: PLEASE TURN OFF QUOTES in reply
by "John L. Sielke" <n4js@pobox.com>
53) [39357] TURN OFF QUOTES
by Chuck Carpenter <w5usj@unicomp.net>
54) [39358] NC20 kit for sale
by Stephen Gibson <SWGibson@worldnet.att.net>
55) [39359] NorCal #
by "Ron Polityka" <wb3aal@talon.net>
56) [39360] Ham Radio Clip Art ?
by KF4EIB@aol.com
57) [39361] Reminder for the Spartan Sprint on Monday
by "Russ Carpenter" <russ@natworld.com>
58) [39362] test
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
59) [39363] Re: eMail snitching
by "Francis Callahan" <colcal@srv.net>
60) [39364] Re: Ham Radio Clip Art ?
by "Chris Cieslak" <ccieslak@law.uiuc.edu>
61) [39365] Re: NorCal #
by "Ron Polityka" <wb3aal@talon.net>
62) [39366] Re: TS-520 Finals
by The Wheelers <rains@digisys.net>
63) [39367] Re: Two questions about construction techniques in 2N2/40
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
64) [39368] to-5 standoff for Norcal 20
by "C.Lamar Derk" <n3at@enter.net>
65) [39369] ARRL Propagation Bulletin #018
by "Ed Tanton" <n4xy@att.net>
66) [39370] Y2K UNOFFICIAL EMERGENCY PREPAREDNESS FREQUENCY : 3686.4KHZ
by "ROBERT EVANS" <revans@sarnoff.com>
67) [39371] ADEL Nibbling Tool

- by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 68) [39372] Re: Y2K UNOFFICIAL EMERGENCY PREPAREDNESS FREQUENCY : 3686.4KHZ
by "Mike Yetsko" <myetsko@insydesw.com>
- 69) [39373] Re: TS-520 Finals
by "George T. Baker" <w5yr@swbell.net>
- 70) [39374] NC20 Kit
by Stephen Gibson <SWGibson@worldnet.att.net>
- 71) [39375] RE: Y2K UNOFFICIAL EMERGENCY PREPAREDNESS FREQUENCY : 3686.4KHZ
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 72) [39376] test
by RON TODD <k4wz@bellsouth.net>
- 73) [39377] Switch boxes
by Brad Mugleston <bmug@gwl.com>
- 74) [39378] Need Advice on Charging 6v 13ahr gel cells
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 75) [39379] Not QRP - Computer help
by Ron Stark <ku7y@dri.edu>
- 76) [39380] Bearings, distances, grids, MUFs, etc. FREE
by Ronald McConnell <rcmcc@lucent.com>
- 77) [39381] Re: Y2K UNOFFICIAL EMERGENCY PREPAREDNESS FREQUENCY : 3686.4KHZ
by "ROBERT EVANS" <revans@sarnoff.com>
- 78) [39382] Re: [Re: PLEASE TURN OFF QUOTES in reply]
by Roy Lincoln <wa4dou@usa.net>
- 79) [39383] Re: [Re: eMail snitching]
by Roy Lincoln <wa4dou@usa.net>
- 80) [39384] County Hunter Contest this weekend
by Larry Cahoon <wd3p@juno.com>
- 81) [39385] The AR contests standing
by Larry Cahoon <wd3p@juno.com>
- 82) [39386] Changing of the Guard at OHR
by Larry East <w1hue@amsat.org>
- 83) [39387] New to the list...
by Jay Freeman <jayFreem@direcpc.com>
- 84) [39388] ARCI QRP Contest Results
by "Ron Polityka" <wb3aal@talon.net>

Date: 29 Apr 1999 18:45:12 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [39305] PLEASE TURN OFF QUOTES in reply
Message-ID: <n1286710961.88942@msmailgw1.arlut.utexas.edu>

One more time, title says it all-
Please folks, fix your mail preferences of your mail program to NOT requote!!
Especially a whole digest of the day before!

Software gurus: Can the digest program be set to reject anything that has
requote symbols of several kinds for more than say ten lines?

Thanks,
Stuart K5KVH

Date: Thu, 29 Apr 1999 18:57:46 -0500
From: "C. M. Tyler" <k5gq@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [39306] over the ear speaker
Message-ID: <19990429.190035.-242931.16.k5gq@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I operate CW H.F. mobile. I use an over the ear speaker; speaker is ~ 1
inch
diameter.
It was purchased at a hamfest many years ago.
The backup and the first one are no longer repairable. The soft nylon
parts
are not forgiving
with mistakes. This speaker allows me to listen when other people are
riding with me.

I am looking for a new over the ear speaker.

Does anyone know where I can get one?

k5gq@juno.com
Mark
K5GQ/m
Houston, Texas
qrp-L 794

Mark Tyler
Telxon Corporation
Manufacturing Engineering
mtyle@telxon.com
Phone 713.307.2654
Pager 800.759.8888 1732787
Fax 713.307.2552

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 30 Apr 1999 00:06:21 GMT
From: "Scott Robbins - VE7CCY" <kc_sr@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [39307] QRPpark inclusion
Message-ID: <19990430000622.94794.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain; format=flowed;

To all discussing the QRPpark idea: of course you would be including the
Canadian parks as well?! We certainly wouldn't want to be left out up here!
It sounds like a great idea.

Let's make this happen!

73 to all,
Scott - VE7CCY

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 29 Apr 1999 19:22:15 -0500
From: mahlon.r.haunschild@ac.com
To: qrp-1@Lehigh.EDU
Cc: kc_sr@hotmail.com
Subject: [39308] Re: info - Heathkit HD-1250
Message-ID: <86256763.0001CC78.00@amrhm1101.ac.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Scott...

Whoever gave you that GDO either really, REALLY likes you or didn't know
anything about it. It's a honey!

I saw that someone else told you about the jack. The basic idea of operation is to loosely couple the coil to the circuit under test (remember, coupling can be either through the magnetic or electric field) and look for a dip in the meter as you move the tuning dial (a dip indicates resonance). Use the gain control to get something like a mid-scale indication on the meter. Adjust coupling until you are at minimum coupling and still indicating a dip at resonance. Minimum coupling means minimum interaction, therefore minimum measurement error.

If you e-mail me your mailing address, I'll make you a copy of the pertinent sections of my manual and send it to you next week.

regards,

Mahlon - N4EEE

Date: Thu, 29 Apr 1999 02:51:55 GMT
From: "Scott & Katie" <kc_sr@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [39246] info - Heathkit HD-1250
Message-ID: <19990429025156.48298.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

Can anyone give me a little information on the operation of the Heathkit HD-1250 grid dip meter? I recently was given one, but no manual came with it. I figured out the coils stick in the top, but what goes in the jack at the bottom? How do you work the dials properly? If anyone can give me a brief description, that would be great.

Thanks a lot!
73,
Scott - VE7CCY

Date: Thu, 29 Apr 1999 20:24:54 -0400
From: Terres Family <terresfm@ncia.net>
To: qrp-l list <qrp-l@Lehigh.EDU>
Subject: [39309] To Add Tick to a Smite
Message-ID: <3728F856.4C2E27E5@ncia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

sorry for the bandwidth but..

I can't find my QRPP that tells how to ad a tick keyer with sidetone to pixie (page 74 Winter 1997). I can find the issue before and the one after. Can anybody clue me in? Thanks in advance & 73/72

jerry aa1of
franconia nh

Date: Thu, 29 Apr 1999 20:33:08 -0400
From: "Perley Urquhart" <n1yuk@nemaine.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [39310] Antennas
Message-ID: <000101be92a1\$0b170300\$604488d0@urquhart>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is there any antenna guru out there who would be willing to talk antennas with me? email me direct please. Want to put up a new one. Thanks,
Perley, N1YUK

Date: Thu, 29 Apr 1999 19:45:39 -0500
From: Randy and Cara Randall <crrandal@seidata.com>
To: fgrig@iea.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39311] Re: Vacuum Tube Code Practice Oscillator
Message-ID: <3728FD33.EF629866@seidata.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is there any way you could scan the schematic for the 40
Meter transmitter?
Bet there would be interest here on the group. I know I am
interested!

Randy KB8AS0

--

"...but tomorrow may rain so,
I'll follow the sun!"

Stitchcraft...crafty ideas become creative products!

Date: Thu, 29 Apr 1999 19:41:35 -0500 (CDT)
From: Jeff Johns <jeffj@scott.net>
To: qrp-l@lehigh.edu
Subject: [39312] Re: [39283] Re: vanity call wait
Message-ID: <199904300048.TAA17309x@scott.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On 04-29 10:33am CDT, the following was written:

> Assuming everything went correctly, your vanity call should appear on QRZ,
> etc. in 3 weeks.

Actually, I had to wait about 4 to 5 weeks for my vanity call.

73 Jeff W4JEF

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Goin' Postal - HP 100/200LX (v3.05beta) REGISTERED

Date: Thu, 29 Apr 1999 18:03:00 -0700
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39313] Vacuum Tube Projects
Message-ID: <199904300106.SAA07457@comtch.iea.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Randy Randall <rrrandal@seidata.com> wrote:

> Is there any way you could scan the schematic for the 40
> Meter transmitter?
> Bet there would be interest here on the group. I know I am
> interested!

No way I could scan it, but I can point you to it. I also enclosed the plans for the transmitter, but you can also get them at <http://www.xmission.com/~cwest/Projects/projects.html>, which has various tube projects.

Date: Thu, 29 Apr 1999 18:04:50 -0700
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39314] Vacuum Tube Projects
Message-ID: <199904300108.SAA07603@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry, that last message got away from me. I meant to close it for later editing instead of sending it. It has the right URL, though, for a variety of tube projects. I hope it does somebody some good.

--Frank, AB7YT

Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com --*-- (509) 326-7147 --*-- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people."

Date: Thu, 29 Apr 1999 21:15:53 -0400
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-l@Lehigh.EDU
Cc: NA5N@Rt66.com
Subject: [39315] Re: Pip Squeek Regen info
Message-ID: <199904300115.VAA161718@nss4.cc.Lehigh.EDU>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Paul Harden wrote:

>BTW, a simple little regen makes a very nice on-the-air monitor of your
>QRP signal. Crank down the regen gain and you can clearly hear if you
>are chirping, clicking, your key shaping, etc.

Right you are Paul, that makes a very simple, inexpensive station monitor.
Even without a receive antenna, though the gennie may be too sensitive and
simply lock on your transmit frequency.

One trick I have employed to avoid this overloading is to tune the regen
to a harmonic of the fundamental signal. This attenuation will ease the
overloading.

Danny, K3TKS and I used this technique to complete a hamfest QSO a couple of
years ago using an MFJ regen rx. We were so close that the regen "locked up"
on his 40m transmitter. But the rx did quite well when tuned to 20 meters.
This also eliminated the "backwave" that the regen put out on 40.

Ah the memories of regen receivers on the broadcast band. Guess that makes me
an OF. Built the first one with tubes but went broke (as a pre-teen)
buying B batteries. Transistors make things *much* easier!

72/73,

Joe E., N2CX

Date: Thu, 29 Apr 1999 21:21:59 EDT
From: RayAnNuzzo@aol.com
To: qrp-l@lehigh.edu
Subject: [39316] QRP Quarterly
Message-ID: <9844d294.245a5fb7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am new to your group. How can I subscribe to the QRP Quarterly?

Ray Nuzzo
KA1EZX

East Haven, Connecticut

Date: Thu, 29 Apr 1999 18:25:42 PDT
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-1@Lehigh.EDU, qrp-canada@lists.gpfn.sk.ca
Subject: [39317] Loaded Sierra Transceiver For Sale
Message-ID: <19990430012547.23557.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain; format=flowed;

For Sale:

Wilderness Radio Sierra in good working order with built-in speaker added, including all nine band modules for 160-m through 10-m, plus KC2 keyer/counter/S-meter/wattmeter. Complete \$425 plus shipping. Please contact Bruce Prior at n7rr@hotmail.com direct only, or telephone (360) 332-6046.

72, Bruce Prior N7RR
853 Alder Street
Blaine, WA 98230

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Thu, 29 Apr 1999 21:54:17 -0400
From: Russell Hines <radioruss@fuse.net>
To: dpayton@fwi.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [39318] Re: 2SC799's? / 2N4416A's!
Message-ID: <37290D49.9E2F307E@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Dennis:

Dennis Payton wrote:

>
> Can anybody tell me where I can get a good price on some 2SC799's?
>
> Also, while looking for the 2SC799's I found 2N4416A's selling for \$.20 each

> from Mendelson Electronics in Dayton so I ordered a bunch of them. I've
> never dealt with MECI before but I think they're a reputable company. I've
> seldom seen 2N4416's sold for under \$1.50. They're at <http://www.meci.com/>
> if anyone is interested. The lady I ordered from on their 800 number
> verified they were \$.20 each.

Please be aware that MECI (or just plain Mendelson's) sells almost exclusively excess inventories purchased from other companies. Nothing wrong with it, just be aware of it. Personally, I'd rather buy new than surplus semi's, but, hey... to each his own.

Have fun with your new FET's. ;-)

73,
WB8ZCC

Date: Thu, 29 Apr 1999 21:56:36 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Cc: "Inc. Ten-Tec" <sales@tentec.com>, tentec@contesting.com
Subject: [39319] I ACCEPT!!!
Message-ID: <Pine.OSF.3.95.990429215105.16089D-100000@saturn1.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here's a little something that made my day.

I was told today, that, "...if there were an award for the coolest "TAG LINE" [the little phrase after my "signature"] on the internet, it should go to you!"

Well... bring it on :-)

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Thu, 29 Apr 1999 22:03:03 -0400
From: Jerry Henshaw <jhenshaw@bellsouth.net>
To: "'QRP List'" <qrp-l@Lehigh.EDU>
Subject: [39320] Funkamateur PA -- TR1 Fix (Kinda Long)
Message-ID: <01BE928C.10409FE0@host-216-77-220-48.fll.bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

After carefully soaking TR1 in acetone to remove the clear fingernail polish, I rewound TR1 per Peter's recent posting. WOW --- it sure makes a difference when you have the primary and secondary hooked up right!

Here are my new power outputs for the PA:

Band	Output (Watts)
160	8.0
80	7.0
40	7.0
30	7.2
20	8.0
17	7.5
15	7.2
12	6.8
10	4.0

Measurements made with a WM-1 wattmeter into a 50 ohm dummy load. The band modules have not been tweaked in a long, long time. 10 meters definitely needs to be re-aligned.... the caps are very touchy on this band module --- it fully expect 10 meters to be on par with the rest of the bands once I retune.

Now I will drill the holes on the back panel and mount it properly. I now have a "Sierra on Steroids". My Sierra is HEAVILY modified and I will be bringing it with me again to FIDM for show and tell. The following mods have been installed on my poor little Sierra:

LDG autotuner mounted inside the Sierra -- hinged to the back panel so I can remove the band modules. All the LEDs and control switches are mounted on the front panel above and below the main tuning knob.

KC2 digital readout and keyer. The KC2 is enclosed in a metal

RF shield made from a Pepsi can! The shield is needed to keep the RF from resetting the KC2 while the tuner is seeking a match.

Buzz Not noise blanker with the control pot mounted on the front panel. The pot is a thumb wheel type mounted at the left hand bottom corner of the front panel. Along with a QSK slow/fast switch.

Homebrew pc board circuit to disable transmitting while keying a message into the keyer memory.

Now the Funkamateur PA module --- mounted on the back panel just under the LDG autotuner pc board.

I don't know if there is another cubic inch left inside my Sierra for another mod. I am a K2 field tester but I still love my Sierra partly due to the blood, sweat, and tears that went into the above mods. Yes, the top cover still fits without any noticeable bulges.

Thanks again Peter for providing the PA --- it works great.

72's

Jerry Henshaw
KR5L/4

Date: Thu, 29 Apr 1999 19:08:41 -0700 (PDT)
From: Ron Stark <ku7y@dri.edu>
To: RayAnNuzzo@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39321] Re: QRP Quarterly
Message-ID: <Pine.SOL.3.96.990429190654.21055A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 29 Apr 1999 RayAnNuzzo@aol.com wrote:

> I am new to your group. How can I subscribe to the QRP Quarterly?
>

Hi Ray,

Go to:

<http://www.qrparci.org>

All the info is there.

If you can't get on the WEB, just let me know and I'll give you the email info.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 29 Apr 1999 20:00:00 -0700
From: Roger Hightower <n7kt@earthlink.net>
To: jhenshaw@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39322] Re: Funkamateur PA -- TR1 Fix (Kinda Long)
Message-ID: <37291CB0.DB2700F4@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Talk about a loaded Sierra! I can't get to FDI, but would sure love to see pics of this rig. Any chance of putting some on a web page?

72...Roger

--

72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ
n7kt@earthlink.net n7kt@arrl.net 6023155988@mobile.att.net

Date: Thu, 29 Apr 1999 22:09:03 -0500
From: Glen Reid <k5fx@flash.net>
To: Bcieslak@ra.rockwell.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39323] Re: vanity call wait
Message-ID: <37291ECF.EE9CE3D0@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Brian

Within the last year, I have done five vanity call sign apps by the process you described. Two for clubs, two for non resident, alien FCC licensees and one for myself.

The turn around was 28-32 days for all, except the one which was mis-handled by the FCC clerk, who was unable to match the electronic application up to the proper fee. That one was dismissed for no fee, even though they cashed the check 7 days after the application was filed on the web. I filed a second application and sent in a new fee. The second time it went through without a hitch.

I filed for a fee refund on the first application. The refund took 7 weeks.

On two of the others I got a dismissal letter in the same mail delivery as the license. ;^) I think the system still has a few bugs in it.

The two that went through without problems I FED EX'd the fee checks. (different address than mailed fees, be sure to get the correct one). I recommend that, even with the additional cost.

If all goes well, you should have your new call sign by this time next month.

If it goes into the ditch, call the FCC help line. They are very helpful, IF, you have all the information about the application and the payment. Keep copies of everything! And be patient. Their rules are apparently very strict. For example, if your application is dismissed without grant, it CANNOT be resurrected even if the Commission made the mistake. You must file again and send in a new fee.

Good luck.

gr

--

GLEN REID
K5FX/M BGF

Austin...in the beautiful hill country of TEXAS...

Austin QRP Club # Pi

Email: k5fx@flash.net

Date: Thu, 29 Apr 1999 21:59:19 -0400
From: "aluscre" <aluscre@neo.rr.com>
To: myetsko@insydesw.com, qrp-1@Lehigh.EDU
Subject: [39324] Re: Chernobyl Virus and reformatting HD
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Dave I also was told for years that you could not low level format IDE Hds but I have found that most if not all manufactures have the following type of programs available:

Contains Wddiag.exe v3.00 which allows you to test the drive, print results for last drive tested, repair errors found during the Test Drive option and write zeros to the drive (low-level format). This utility replaces Wd_clear (which was used for scanning errors "Read Verify" and low-level formatting capabilities). Wd_diag.exe also replaces Wdat_ide.exe for scanning and defect management.
<http://www.westerndigital.com/service/ftp/drives.html>

Mike Yetsko wrote:

> Ok, time to step in.
>
> You CAN'T low level format almost every IDE drive made.
> Yeah, there are a few, but they are VERY rare, and
> I only know of those that were in the VERY first days of
> IDE.
>
> Drives use what is called ZBR, which (I think) stands for Zoned
> Bit Recording. It means that the platter is divided into
> 'zones' and tracks may not only have different numbers
> of sectors, but different clock rates, and other 'different'
> parameters. All based on what is optimum for
> THAT POINT, not for the whole drive. That's why
> bits in controller fields like precomp and rwc don't mean
> squat anymore.
>
> Can you low level format a drive? Sure, but NOT by
> any method any private individual or any technician in
> a 'shop' is going to know about.
>
> Mike Yetsko

>
> >> Fellow Listees: I have seen reference to a low lever format of the
> harddrive
> >> being required, after Chernobyl Virus is finished with one. Are we
> actually
> >> talking about a LOW LEVEL format, rather than a simple
> re-partitioning/
> >> formatting of the harddisk?
> >
> >I've been told one should never low level format an IDE hard drive.
> The
> >controller puts more sectors on the outside tracks than on the inside
> tracks.
> >This allows more data capacity. The internal controller hides all this
> from
> >the host computer by using W tracks, X heads, Y sectors, and Z
> cylinders.
> >With the old RLL and MFM drives, you could mess with them and not cause
> >problems. The new IDE drives should be left alone. Using the DOS
> programs
> >FDISK and FORMAT will work fine, just don't do any low level formatting
> or
> >bit twiddling.
> >
> >Dave NOUVR
> >

--

```
|-----|  
| Anthony A. Luscre |  
| KA8NRC |  
| Stow, Ohio |  
|-----|
```

Date: Thu, 29 Apr 1999 23:19:46 -0400
From: windish@ix.netcom.com
To: qrp-l@lehigh.edu
Cc: njqrp@njqrp.org
Subject: [39325] QRPTTF Taco Heaven
Message-ID: <37292152.D63@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A late breaking report from KB2JE:

I had a blast! I operated from right in front of Taco Bell #16259 on Rt. 23N in Wayne, NJ. My pictures didn't come out great (my 12 year old took them) but you can't miss the bright orange shirt.

I arrived after the lunch time rush, made 28 QSOs, including AA7QU, GOWTE, VE7SL, and my contest bud, Cam, HP1AC. I operated with a QRP+ in the passenger seat, a bencher paddle on the console, and a hamstick up top - strictly 20M. My eight and twelve year olds in the back humoring Dad. Great contacts and gourmet food to boot!

The store manager came out front when told that this odd person was asking for their store number at the counter. I had trouble explaining the nature of my activity to him, even after showing him a printout of the Web page with the Chihuahua on front (I had a feeling it would come in handy). He seemed to feel better, or at least less suspicious when I showed him the "Taco Bell" paragraph. Nonetheless, a pair of eyeballs would appear in the front window from time to time. Maybe I should have parked on the side, but that spot out front added at least a foot or two of altitude to my station. Who knows, I may never have heard Cam otherwise.

I may have looked a bit strange, but I wasn't the strangest zombie in the lot - but that's a WHOLE 'NOTHER Oprah!

Anyway, thanks for a great contest!

Walt KB2JE

Date: Thu, 29 Apr 1999 23:29:23 EDT
From: PDouglas12@aol.com
To: qrp-l@lehigh.edu
Subject: [39326] Building the 2N2 from internet plans--not!
Message-ID: <a60ffa07.245a7d93@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

It isn't our intention, neither Jim Kortge nor I, to publish the complete construction plans for the 2N2/40 on the web. You do have to either be a member of Norcal, so you'll be receiving the QRPp journal this week, or buy

the little book version to be announced later. So, sadly, you can use my web page to get the layouts, but you still need the articles and schematics, parts lists, etc. to make a 2N2. That, guys, is by design.

I have also repaired my page, so it loads perfectly. I really can't email or mail out copies of the plans, when all you need to do is go my webpage.

Thanks for understanding.

Preston Douglas WJ2V

Date: Thu, 29 Apr 1999 22:42:57 -0500
From: Gary Harrison <k0bc@ipa.net>
To: qrp-1@Lehigh.EDU
Subject: [39327] QRPTTF report
Message-ID: <4.1.19990429223423.00ba87e0@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Summary of N0EA QRPTTF operation.

Wayne N0EA, Red K5ALU, Dan N0DT and Gary K0BC set up near Southwest City Missouri. We operated as N0EA with MO/OK/AR borders given for our report.

Sorry, the nearest Taco Bell was in Grove OK about 10 miles west of the border. If you're looking for great pizza I can recommend "The Pizza Place" north of Southwest City.

Total QS0s 112

40 meters - 20 states, 2 Taco Bells & 6 border operators

20 meters - 22 states, 2 Taco Bells, 5 border operators, 8 Canadian stations, Alaska & Panama

15 meters - Hawaii, Switzerland, Canada, Panama, New Zealand & Ecuador

10 meters - Puerto Rico & Argentina

QS0 points = 745

SPCs = 57

Location = 4

Borders = 3

Total claimed score = 509,580

A great outing, but let's do something different next year! The "parks" suggestion sounds like a great idea.

73,
Gary Harrison, K0BC
QCWA President
see our website at: <http://www.qcwa.org>
Ask me about our Scholarship Fund!

Date: Thu, 29 Apr 1999 21:07:15 -0700 (PDT)
From: jsm@intergate.bc.ca (Steve McDonald)
To: qrp-l@Lehigh.EDU
Subject: [39328] Another QRPTTF Report
Message-ID: <199904300407.VAA00496@cherokee.intergate.bc.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Two band effort (20/15) from Mayne Island, BC (CN88).
3el Yagi and 4.8W

QSO Pts: 1070
SPC: 47
Location: X 2
DX Mult: X 2

Total Pts: 210,160

Steve / VE7SL

Date: Thu, 29 Apr 1999 22:27:09 -0600
From: "Down" <adown@sprint.ca>
To: "QRP-C" <qrp-canada@lists.gpfn.sk.ca>
Cc: "QRP-L" <qrp-l@lehigh.edu>, "Earl" <earlmurf@telusplanet.net>
Subject: [39329] bo-k VE5HQ
Message-ID: <199904300425.AAA26831@hme0.mailrouter02.sprint.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tried tuning the tri-bander up on 80.....(have to learn to watch my switch)..

...anyway,did get the dipole on line - lots of static....heavy static!
Worked into second hour before things opened some, but no flower takers
during time I could actually hear some stations working around me, so Earl,
VE6EWM, gets the only Lily from me tonite.

Bruce (VE5QRP) dropped in and said hello, but he has a Lily, so was just a
social call. Will be up again next week sometime to help Bruce, so hope we
have a good from this stn soon.

April 30 0100z-0300z VE5HQ Sask Log

Time	Call	Name	TX/RX	QTH	QRP-C	Pwr
0140z	VE6EWM	Earl	449 439	Ab	#6	
0208z	VE5QRP	Bruce	599 599	Sk	#1	50

Milliwatts

Well..nice to see you get the Prairie Lily, Earl...hope we see a lot more
of you before the end of may..

72,
Bill > VE5HQ

Date: Thu, 29 Apr 1999 23:32:26 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [39330] WTB:Wilderness Sierra
Message-ID: <199904300433.XAA05252@dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow QRPers....

Looking for a basic Sierra with a few band modules. Analog with KC1
Ideal.. or KC2 option if the price is right. Please Contact me direct at
kelman@dialnet.net . Thank you and 73.

Kelly Ellison - WB0WQS - Aurora, MO

Date: Thu, 29 Apr 1999 21:37:40 -0700
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39331] Re: Building the 2N2 from internet plans--not!

Message-ID: <199904300441.VAA22623@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

PDouglas12@aol.com wrote:

> It isn't our intention, neither Jim Kortge nor I, to publish the complete
> construction plans for the 2N2/40 on the web.

Jim's page seems to have complete plans. Am I missing something?

--Frank, AB7YT

Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com -==*- (509) 326-7147 -==*- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people."

Date: Sun, 18 Apr 1999 08:22:23 -0400
From: "John R. Doherty" <jdoherty@snet.net>
To: qrp-1@Lehigh.EDU
Subject: [39332] Norcal 20 Help
Message-ID: <3719CE7F.9BD@mail.snet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang

Has anyone on the list had trouble with the NorCal 20 AFA? Mine doesn't work. No sound at all. I rechecked all sections completed so far but can't find any problems. All measured voltages seem to be ok with possible exception of pins 5 and 6 of U10 which for some reason are higher than those given in Appendix A of manual (1.85v vs 0.3v). Voltage readings at Q22 and Q23 appear to be within resonable limits.

Any comments would be appreciated.

Thanks

Jack KB1CW

Date: Fri, 30 Apr 99 00:52:50 -0500
From: Chuck Adams <adams@ticnet.com>
To: mike czuhajewski <wa8mcq@erols.com>
Cc: qrp <qrp-l@lehigh.edu>
Subject: [39333] Re: NA5N mail bouncing
Message-ID: <E10d5SJ-0001QU-00@smtp.ticnet.com>

-- [From: Chuck Adams * EMC.Ver #2.5.02] --

Mike et.al.,

OK, since this has gone public.

1. A similar thing like this happened over 5 years ago. Someone went after several members of QRP-L through their employeers. Result: immediate and permanent banning from QRP-L. This falls under what Jim and I call the ZERO-TOLERANCE policy (unwritten rules that will result in banning from QRP-L). All people have to do is stick to QRP topics and keep the politics offline.... Enough said.

In six years + of QRP-L only 6 or 7 have been cut off from the list. That doesn't mean that they can't still get the info since it is online from several web sites.... they just can't post and aggravate the group as a whole. I hope that 3,000 people understand why we have to do this. It is the age of information terrorism as I call it....

2. Spell checkers et.al. should just hit delete keys and go on. Life is too short.

One thing that has got to be understood and usually is by all. This is a hobby and is done by volunteers. It is easy to lose these good people with foolishness. There are some that are all up tight about QRPP and QQ from ARCI being late. Take a chill pill. Things happen. I'd easily wait another two months just to get the good stuff. Note the email addresses in the publications. If you have a problem then do it off of QRP-L. It takes up bandwidth and it is a public aggravation for a lot of people. Restrict "where is? messages" to offline addresses. Please. Pretty please....

Heck, I'm more than 3 weeks behind myself due to system problems.

But I now know all there is to know about W98 and Intel and hardware. :-) I can rebuild my system in my sleep now. So, I have to recreate some stuff and will be back online in full force in short order.

So the point here is to always put things in perspective and relax. Get on the air. That is more important than all the other stuff going on anyway. IMHO.

FYI es tn timer for your support

QRP-L #1 :-)

Oh, thanks Ray for the K5FJZ note. :-) The gang can see why I went with the vanity call lottery in 1970-1 timeframe. :-) I listened to a lot of bugs mess that call up. Since it was mine I didn't have a problem.... :-)

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Fri, 9 Apr 1999 13:29:03 -0500
From: "Charles Hamel" <cdhamel@pdq.net>
To: "QRP List" <grp-l@Lehigh.EDU>
Subject: [39334] Beacon
Message-ID: <00e501be82b6\$da765740\$3d1990d1@cdhamel>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was listening to my Ramsey 40 meter receiver, and have not had a chance to align it!! I am hearing a CW beacon that sends WLO over and over!

I would appreciate if someone could tell me what frequency that beacon is on and or what beacon it is.

Thanks!

Charles (KC5DXQ)

Date: Wed, 28 Apr 1999 17:22:07 +0200
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: <jhenshaw@bellsouth.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [39335] AW: Funkamateure PA
Message-ID: <000e01be922c\$d6001ae0\$13a39ec1@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

I've been so upscrewed when I understood that they changed the layout AND gave wrong instructions in their manual, that I lost my basic math knowledge ;-(

4 turns to 2 turns surely give a ratio of 2:1 !

Never give a club project to a commercial without checking EVERYTHING in detail :-)

They promised me to rework both manuals immediately.

73 de Peter, (working on translation of the the next club projects) :-))

-----Urspr ngliche Nachricht-----

Von: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] Im Auftrag von Jerry Henshaw
Gesendet am: Donnerstag, 29. April 1999 02:26
An: Low Power Amateur Radio Discussion
Betreff: Funkamateure PA

Hi Gang,

I just read Peter's posting on the manual error concerning TR1. It appears that the secondary and primary windings are reversed in the instructions. This is true for both the German and English versions of the manual. Peter says the turns ratio should be 4 : 1 -- it appears to me that the turns ratio is 2:1 4 turns on the primary and 2 turns on the secondary.

He has reversed the 3 / 4 windings (swapping the phase) so that you do not have to criss-cross the windings on the pc board.... a good idea.

If the transformer is indeed reversed, that would explain the low output some of us are experiencing. Has anyone re-wound TR1 and if so what is your power output with the corrected transformer?

I have both of my transformers coated in several layers of clear finger nail polish.... looks like a job for acetone. Anyway, I didn't want to soak my transformer and rewind it if it doesn't improve the power output.

Thanks in advance for your input on this issue.

72's

Jerry Henshaw
KR5L/4

Date: Thu, 29 Apr 1999 13:20:03 +0200
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: <jhenshaw@bellsouth.net>, "'Low Power Amateur Radio Discussion'" <qrp-
l@lehigh.edu>
Subject: [39336] AW: Funkamateur PA -- TR1 Fix
Message-ID: <000f01be9234\$988d3be0\$13a39ec1@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

von Jerry Henshaw
An: Low Power Amateur Radio Discussion
Betreff: Funkamateur PA -- TR1 Fix (Kinda Long)
After carefully soaking TR1 in acetone to remove the clear fingernail
polish,
I rewound TR1 per Peter's recent posting. WOW --- it sure makes a
difference when you have the primary and secondary hooked up right!

GREAT, I am happy :-))

I don't know is there is another cubic inch left inside my Sierra for
another
mod.

What do you think about a built in SWR meter??

Our newest DL-QRP-AG project is a

SWR probe 15mm by 15mm by 15mm, 1 MHz to 52 MHz

SWR Indicator 15mm by 15mm by 2 mm 100 mW to 10 Watt

I was so tired to carry an extra SWR meter with me plus short coax cables plus adapters, so I asked the guy who constructed the DL-QRP-PA to design an extremely small SWR Meter which fits into my SIERRA and (and the SW40+ as well) And he did it!

The indicator is based on some SMD transistor arrays and a red / green LED.

It tunes from red to green where

SWR ≥ 3 is read

SWR $\geq 2 < 3$ is orange

SWR $\geq 1,5 < 2$ is yellow

SWR $\leq 1 < 1,5$ is green

between you see lots of mixed colors, so you get an quasi analog tuning feeling. Current consumption while receiving is 3 microamps, while tx it is depending on the power u use up to 4 milliAmps.

For the seniors like me who have some difficulties with this little SMD arrays we decided to make not only a kit but to give away ready built units :-))

EXTRA MESSAGE for the Adventure Radio Society: Weight of the complete unit is about 1 gramm (estimated because I found no way to measure it.

72 de Peter, DL2FI

DL-QRP-AG

The fastest growing Ham Radio Club in Germany. 1200 members in less the two years

Date: Fri, 30 Apr 1999 06:47:35 -0500 (CDT)

From: "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>

To: na5n@rt66.com

Cc: qrp-l@lehigh.edu

Subject: [39337] eMail snitching

Message-ID: <Pine.LNX.4.04.9904300638430.29635-1000000@divis17.ped-gen.uiowa.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Paul,

Count me among those who got really pissed off that somebody would do that to you. And to us! Snitching on a friend doesn't go over well.

As a related aside, from my point of view, you've done more for the good image of the NRAO, and solar information, than any one or anything that i know of. You didn't mention it, but I hope your employer saw that whole thing for what it was (ridiculous and childlike).

I certainly hope the guilty party comes forth and fesses up - I for one hope I don't belong to that "other QRP club".

72/73,
--adam, ak0p

Date: Fri, 30 Apr 1999 08:18:43 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39338] Re: Chernobyl Virus and reformatting HD
Message-ID: <002801be9303\$98174780\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm going to definately check this out. The stuff IS out there, but very limited. However, it WD chooses to put out a program to help consumers I'm all for it.

However, just writing '00s' to the drive is not low level formatting. It may be a 'recovery', and from the consumer point of view it does what he thinks is a low level format. But a 'low level format' implies the controller writing a 'track' and declaring address marks by missing clocks, setting intersector gaps, and even declaring numbers of sync bytes for the various types of fields.

A 'zeroing out' of a drive would be perceived by most as a low level format, but basically it's sort of a clear and restart function.

Mike Yetsko

Dave I also was told for years that you could not low level format IDE Hds
but I have found that most if not all manufactures have the following type
of programs available:

Contains Wddiag.exe v3.00 which allows you to test the drive, print results
for last drive
tested, repair errors found during the Test Drive option and write zeros to
the drive
(low-level format). This utility replaces Wd_clear (which was used for
scanning errors
"Read Verify" and low-level formatting capabilities). Wd_diag.exe also
replaces
Wdat_ide.exe for scanning and defect management.
<http://www.westerndigital.com/service/ftp/drives.html>

Mike Yetsko wrote:

> Ok, time to step in.
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> of sectors, but different clock rates, and other 'different'
> parameters. All based on what is optimum for
> THAT POINT, not for the whole drive. That's why
> bits in controller fields like precomp and rwc don't mean
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> Can you low level format a drive? Sure, but NOT by
> any method any private individual or any technician in
> a 'shop' is going to know about.
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> Mike Yetsko
>
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> >> being required, after Chernobyl Virus is finished with one. Are we
> actually
> >> talking about a LOW LEVEL format, rather than a simple

> re-partitioning/
> >> formatting of the harddisk?
> >
> >I've been told one should never low level format an IDE hard drive.
> The
> >controller puts more sectors on the outside tracks than on the inside
> tracks.
> >This allows more data capacity. The internal controller hides all
this
> from
> >the host computer by using W tracks, X heads, Y sectors, and Z
> cylinders.
> >With the old RLL and MFM drives, you could mess with them and not
cause
> >problems. The new IDE drives should be left alone. Using the DOS
> programs
> >FDISK and FORMAT will work fine, just don't do any low level
formatting
> or
> >bit twiddling.
> >
> >Dave NOUVR
> >

--

```
|-----|  
| Anthony A. Luscre |  
| KA8NRC |  
| Stow, Ohio |  
|-----|
```

Date: Fri, 30 Apr 1999 08:22:55 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39339] Re: PLEASE TURN OFF QUOTES in reply
Message-ID: <007401be9304\$2e178c40\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Actually NO!!!! I vote for NOT doing this!!! Please do NOT do something to force people into what YOU want, as opposed to what the majority wants.

I agree, it's stupid and a waste of bandwidth when people quote a 50 line message for a two word smart alec comment, but making it a rule or policy is just as stupid in the other direction.

Complain to the people who do the stupid acts, don't be like some other people I can mention but won't or it will really start a flame war!

And no, I didn't mean to be a smart alec by quoting the whole original post here, it's just that if someone were to read JUST my message, they wouldn't get the correct idea as to what was going on.

Stuart has a point, don't be a lid. But don't mandate a policy or force a procedure on everybody.

Mike Yetsko
N1DVJ

>One more time, title says it all-
>Please folks, fix your mail preferences of your mail program to NOT requote!!
>Especially a whole digest of the day before!
>
>Software gurus: Can the digest program be set to reject anything that has
>requote symbols of several kinds for more than say ten lines?
>
>Thanks,
>Stuart K5KVH

Date: Fri, 30 Apr 1999 08:28:27 -0400
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: fgrig@iea.com
Cc: qrp-l@lehigh.edu
Subject: [39340] Re: Building the 2N2 from internet plans--not!

Message-ID: <3.0.1.32.19990430082827.00708fdc@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 09:37 PM 4/29/99 -0700, Frank, AB7YT wrote:

>PDouglas12@aol.com wrote:

>

>> It isn't our intention, neither Jim Kortge nor I, to publish the complete

>

>> construction plans for the 2N2/40 on the web.

>

>Jim's page seems to have complete plans. Am I missing something?

>

>--Frank, AB7YT

>

Well yes and no! My web page does have schematics, parts lists, and the colored layouts that show where the Manhattan pads are placed. BUT, there is no article text, and that is extensive, and the great NA5N illustrations and additional information are not on the web page and will not be place there.

I've also put up several pictures of the original rig and the second rig that was built to verify the QRPP article information. Those will give you some idea how the first and second rigs differ, and an overall perspective of how the rigs were built. If you are serious about duplicating either configuration, I'd suggest buying the stand alone publication that will have the text and illustrations. Paul, NA5N will provide an announcement when that spiral bound book becomes available. I don't know the final pricing, but it will be more than reasonable.

So, hope that clears up some of the confusion.

72 and kind regards to all.....Jim, K8IQY

Date: Fri, 30 Apr 1999 08:54:07 EDT
From: "Paul Gerhardt" <pgerhardt@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [39341] Any Room space for Dayton
Message-ID: <19990430125407.50245.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain; format=flowed;

A few days ago someone mentioned some spaces available for Dayton. I was

talking to my father in law KI4IH who said he would be interested in coming if we could find two spaces to sleep somewhere near Dayton.
Let me know.

Tnx es 73's

Paul K3PG
ARCI and QRP-1
Pgerhardt@hotmail.com

...

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Fri, 30 Apr 1999 09:04:12 EDT
From: Richard Rood <fcsww@juno.com>
To: qrp-1@lehigh.edu
Subject: [39342] Re: Beacon
Message-ID: <19990430.090344.5351.1.fcsww@juno.com>

Charles,

WLO is a coastal radio station located near Mobile, Alabama. It operates in the Maritime Service.

It sends its call letters as an invitation to ship radio stations to respond with their traffic; or possibly as a marker signal for a radio teletype channel.

I'm not sure how it winds up being detected by your receiver. Probably you are hearing a 6 or 8 Mhz signal somehow mixed in the rf circuite of your receiver.

dick, w2scf, qrp-1 1613

On Fri, 9 Apr 1999 13:29:03 -0500 "Charles Hamel" <cdhamel@pdq.net> writes:

>I was listening to my Ramsey 40 meter receiver, and have not had a
>chance to
>align it!! I am hearing a CW beacon that sends WLO over and over!
>

>I would appreciate if someone could tell me what frequency that beacon
>is on

>and or what beacon it is.

>

>Thanks!

>

>Charles (KC5DXQ)

>

>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 30 Apr 1999 09:11:19 EDT
From: w4pj@w4bkkx.ampr.org
To: qrp-l@lehigh.edu
Subject: [39343] Re: TURN OFF QUOTES
Message-ID: <65713@w4bkkx.ampr.org>

The redundant reposting of a whole days DIGEST in a response to one message is exactly the reason I do not read messages titled Re: xxxDigest etc. I also look at the size of the messages to see which ones to read. I suggest the mail sender decide whether he would appreciate reading the message he intends sending. Especially if he was one of the list members that are getting messages through "less than state of the art" systems such as amTOR or pacTOR BBS or gateways at 300 or 1200 baud. The list membership may include some who have to "pay by the byte". Think before you hit the "send" key.

de Scott / W4PJ
SANS MIME or HTML - Plain text is OK by me.

Date: Fri, 30 Apr 1999 09:52:50 -0500
From: Randy Randall <RANDALLR@Healthall.com>
To: qrp-l@Lehigh.EDU
Subject: [39344] Ramsey QRP xmiters
Message-ID: <s7297d9d.027@Healthall.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

Anyone using the Ramsey xmiters? I havent seen anything here about them yet.

Randy KB8AS0

Randy E. Randall
Network Engineer
The Health Alliance of Greater Cincinnati
3200 Burnet Ave. Room 4618
Cincinnati, Ohio 45229
Ph. 513-585-7146
E-mail randallr@healthall.com

Date: Sat, 01 May 1999 09:49:23 -0400
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: qrp-l@lehigh.edu
Subject: [39345] long posts
Message-ID: <19990430135240.CTRK4040@default>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I hereby vote that any very long posts be discouraged.

When the thing takes over 30 seconds to download,
I figure that someone is sounding off, and hit the
stop button! I also delete attachments -- viri, you know.

Probably missed my Nobel prize that way

73 jerry w8gnd

Date: Fri, 30 Apr 1999 10:07:32 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: myetsko@insydesw.com
Cc: QRP-L@Lehigh.EDU
Subject: [39346] Re: PLEASE TURN OFF QUOTES in reply
Message-ID: <3729B924.1646@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike,

Actually I agree with Mike on this one. I received two copies of a

message yesterday that had the ENTIRE copy of one digest quoted. I said a lot of nasty things to the sender.

However, the fault is found in NOT knowing how to use your browser. I use Netscape, and I find it easy to quote what I want. Simply press the "Re All" or "Re Mail" buttons and edit as you go using your delete key. It is not a procedure that is beyond the first or second grade level. If more people paid attention to what they were doing and learned to use their software we'd all be a lot happier!

73

Date: Fri, 30 Apr 1999 10:22:19 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: jwodell@ameritech.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39347] Re: long posts
Message-ID: <3729BC9B.7F86@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jerry,

But you still have to download it to find out! I remember looking at the bar chart scale when I was downloading the quoted Digest yesterday and according to it I'd downloaded 95% of the message info with 35 more messages left to go!

73

Date: Fri, 30 Apr 1999 10:33:11 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, towertalk@contesting.com, antennas@qth.net, antennaware@contesting.com
Subject: [39348] Height and Lobe emergence
Message-ID: <Pine.GS0.4.10.9904301028110.11036-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

After several questions about antenna performance in the 3/4-7/8 w1 region, I realized that the study I did back in '92 was not readily available. So I added a note on the subject of antenna height and

performance for horizontal antennas to the site in the upper HF part of the index. I hope it is useful to someone.

I have also updated most of the continuing series collections.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off) (423) 974-7215
1434 High Mesa Drive	/	\	\	----	/	---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	/	/		(FAX) (423) 974-3509
37938-4443 USA	/	\	\	\			cebik@utk.edu
URL:	http://web.utk.edu/~cebik/radio.html						

Date: Fri, 30 Apr 1999 10:42:39 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <RANDALLR@Healthall.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39349] Re: Ramsey QRP xmiters
Message-ID: <002e01be9317\$b3819f20\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Anyone using the Ramsey xmiters? I havent seen anything here about them yet.

>

>Randy KB8AS0

Which ones?

I've built the VHF transmitter. Neat box. Works well too.
Not bleeding edge, but pretty darn nice.

I know one person who has the UHF version, and I think he was in the process of getting the whole series.

Might make a neat project for an 8031? Hmm, standard 8031 in each radio, with a serial link that works like I2C or multi-drop RS-232, sorta like a token passing network.

The programming for each radio would be the same, other than an ID field that would have one descriptor for the radio, and maybe another for a DIP switch, that way you could hang multiple radios on the buss on the same band....

Hmm, do the same thing as the original Icom 900, but better?

Let's see, 2M, 220, 440, 6M, 10M...

Mike Yetsko
N1DVJ

Date: Fri, 30 Apr 1999 07:52:12 -0700 (PDT)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [39350] Re: PLEASE TURN OFF QUOTES in reply
Message-ID: <Pine.SOL.3.96.990430074733.26754B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I think that clost to 90% of the people on the list are very good about NOT including full messages as quotes and I thank you all for that!

Of the other 10%, I'll bet that most of them don't even know that they can turn that "feature" off!

I'd be willing to bet anyone a cup of coffee that the person that quoted a full days archive, in the double posts, had no idea that it was going to happen. I'll also bet that he is felling worse about it than all the rest of us.

Maybe what we should be doing is asking (nicely) those who include long quotes if they realize they are doing it and if they would like some help is setting up their software.

Seems a better idea than beating it to death here... :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 30 Apr 1999 10:10:03 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [39351] Re: PLEASE TURN OFF QUOTES in reply
Message-ID: <199904301454.KAA18460@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

> Actually NO!!!! I vote for NOT doing this!!! Please do
> NOT do something to force people into what YOU want,
> as opposed to what the majority wants.
>

It would be nice if the list server could be set up to detect and eliminate resending of entire digests as quotes. Thankfully, it doesn't happen very often, but can be annoying when it does, especeially if it happens to be a big digest that day. I got the digest reposted twice, so I imagine everyone else did too.

I pitty the poor guy that accidently did it, no doubt he got flamed pretty bad about it.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Fri, 30 Apr 1999 08:49:25 -0600
From: Larry East <wlhue@amsat.org>
To: "Steven ('Melt Solder') Weber" <kd1jv@moose.ncia.net>
Cc: qrp-l@lehigh.edu
Subject: [39352] RE: NC20 Sidetone Mod
Message-ID: <3.0.3.32.19990430084925.009520d0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>

>If the NC-20 uses a LM386 or LM380N audio amp, there are two inputs
>to the amplifier. One is usually left open or connected to ground. To
>make volume independent side tone, I feed the sidetone into the
>normally unused input, through a small trimmer pot. This way there is
>no interaction at all. Has always worked well for me.

>

Awwhh sheeshhh!! (I exclaim as I bounce the palm of my left hand off of my forehead...) WHY DIDN'T I THINK OF THAT?? :-)

Good post, Steve!

Date: Fri, 30 Apr 1999 10:25:11 -0500
From: "Chris Cieslak" <ccieslak@law.uiuc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39353] Re: PLEASE TURN OFF QUOTES in reply
Message-ID: <009801be931d\$a51f9e40\$0f1215ac@classifiedventures.com>

Was it really necessary to "flame" the sender? I'm sure it was an honest mistake. I agree it's a dumb thing to do, but you have to figure those doing it are usually new to the list, and I can't imagine any better way to chase somebody off.

Not trying to be mean, just putting in my \$0.02...

72, 73 de chris aa9hd

> Mike,

>

> Actually I agree with Mike on this one. I received two copies of a
> message yesterday that had the ENTIRE copy of one digest quoted. I said
> a lot of nasty things to the sender.

Date: Fri, 30 Apr 1999 10:25:37 -0500
From: applitech@mcg.net (Claton Cadmus)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39354] Re: PLEASE TURN OFF QUOTES in reply
Message-ID: <013501be931d\$e2eefb80\$a10a5e2c@groucho>

Of course, all these messages about it just make it worse, including this one. This has happened before and was obviously a "mistake". I'm sure the sender was informed via private email from many quarters. It happens so rarely I think any reaction to it is overblown. I suggest we let it drop and the next time it happens keep our comments about it off the list.

73 de Cla KA0GKC

Date: Fri, 30 Apr 1999 11:31:35 -0400 (EDT)
From: "John L. Sielke" <n4js@pobox.com>
To: w4pj@w4bkx.ampr.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39355] Re: TURN OFF QUOTES
Message-ID: <XFMail.990430113135.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Well, come on, somebody else jump on the bandwagon. Another 50 messages on this thread and you win a prize!

On 30-Apr-99 w4pj@w4bkx.ampr.org wrote:

> The redundant reposting of a whole days DIGEST in a response to one message
> is exactly the reason I do not read messages titled Re: xxxDigest etc.

/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net
(N) (4) (J) (S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
_ / _ / _ / _ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

Date: Fri, 30 Apr 1999 11:34:04 -0400 (EDT)
From: "John L. Sielke" <n4js@pobox.com>
To: Mike Yettsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39356] Re: PLEASE TURN OFF QUOTES in reply
Message-ID: <XFMail.990430113404.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 8bit
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

BRAVO!!! This guy is a candidate for the Internet A-1 op club! Well said, Mike!

On 30-Apr-99 Mike Yetsko wrote:

> Stuart has a point, don't be a lid. But don't mandate a policy
> or force a procedure on everybody.
>
> Mike Yetsko
> N1DVJ
>
>

/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
_/ _/ _/ _/ NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

Date: Fri, 30 Apr 1999 10:38:51 -0500
From: Chuck Carpenter <w5usj@unicomp.net>
To: ku7y@dri.edu, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39357] TURN OFF QUOTES
Message-ID: <3.0.1.32.19990430103851.006b3ce4@mail.unicomp.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-Lers,

Ron makes a good point. I'd bet too, that most of the computer newbies aren't aware of how to highlight and delete text from a quoted message. Maybe a little computer Elmering along with QRP Elmering would be the order-of-the-day.

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

Date: Fri, 30 Apr 1999 11:49:47 -0400

From: Stephen Gibson <SWGibson@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [39358] NC20 kit for sale
Message-ID: <3729D11B.384BEB6@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For sale: NC20 kit w/black anodized case as well as the original case,
and the manual. Just don't have the time to finish it up and trouble
shoot it. Shipped anywhere in CONUS for \$75.

Steve, WB4NBI

Date: Fri, 30 Apr 1999 12:06:06 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [39359] NorCal #
Message-ID: <011801be9323\$5b8da320\$545445c6@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Everyone,

We finally will have a nice sunny weekend on the
East Coast.

Can anyone tell me how I can find out my
NorCal Membership #?

Thanks in advance.
72, 73 & Good DXing
Ron de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1
KL7 QRP # 309 NJ QRP #179

ARCI QRP # 5318
NorCal #

G-QRP # 3031
Zombie #625

Date: Fri, 30 Apr 1999 12:20:41 EDT
From: KF4EIB@aol.com
To: qrp-l@lehigh.edu
Subject: [39360] Ham Radio Clip Art ?
Message-ID: <316cb003.245b3259@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings to one and all,

I am looking for ham radio clip art (CW especially). Does anyone know of a site that this may be downloaded?
Thank you for your time.

73,
Gordon kf4eib
Greensboro, NC

Date: Fri, 30 Apr 1999 09:38:29 -0700
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [39361] Reminder for the Spartan Sprint on Monday
Message-ID: <199904301630.JAA22501@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

The May Spartan Sprint will be held on May 3 (which is our standard date--the first Monday of the month). We will be operating on two bands--40 and 20. Don't worry if your station is a bit obese. We commend the winners in two categories--points (the Tubby Division), and points per pound (the Skinny Division).

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT. Finish at 11:00 PM

EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT.

2. The frequencies will be 7040 kHz+- and 14060 kHz+- . (You may operate one or two bands--your choice.)
3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP," or "CQ SP TEST."
5. You can take credit for working the same station on a second band.

After the contest, we invite you to use our autolog, which is part of the ARS Sojourner. Just go to www.natworld.com/ars and follow the link for "Direct access to autologs". Or you can speed things up by going directly to the Spartan Sprint autolog page at www.natworld.com/ars/ss_log.html.

If you don't have access to the web, send Russ Carpenter, AA7QU, an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of all transmitters, receivers, keys, keyers and batteries used during the Sprint). You may also include your comments from the soapbox. Russ' email address is russ@natworld.com.

We publish results for each Spartan Sprint on the Thursday following the Sprint. This may be the world's quickest contest reporting! Please send us your log as soon as possible, but in no event later than Wednesday afternoon.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

Russ Carpenter, AA7QU, Contest Manager

russ@natworld.com

Date: Fri, 30 Apr 1999 10:51:34 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [39362] test
Message-ID: <Pine.OSF.4.05.9904301051170.18091-100000@duke.usask.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca http://duke.usask.ca/~buydens |
| VE5RDV |
+-----+

Date: Fri, 30 Apr 1999 10:59:02 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <akanis@divis17.ped-gen.uiowa.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39363] Re: eMail snitching
Message-ID: <199904301657.KAA26047@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If someone snitched on me I would make a point to look the JERK up with a couple of very large people 72 Cal KF7ET

> From: Adam B. Kanis <akanis@divis17.ped-gen.uiowa.edu>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: eMail snitching
> Date: Friday, April 30, 1999 4:47 AM

>
> Paul,
>
> Count me among those who got really pissed off that somebody would do
that
> to you. And to us! Snitching on a friend doesn't go over well.
>
> As a related aside, from my point of view, you've done more for the good
> image of the NRAO, and solar information, than any one or anything that i
> know of. You didn't mention it, but I hope your employer saw that whole
> thing for what it was (ridiculous and childlike).
>
> I certainly hope the guilty party comes forth and fesses up - I for one
> hope I don't belong to that "other QRP club".
>
> 72/73,
> --adam, ak0p
>

Date: Fri, 30 Apr 1999 12:23:14 -0500
From: "Chris Cieslak" <ccieslak@law.uiuc.edu>
To: <KF4EIB@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39364] Re: Ham Radio Clip Art ?
Message-ID: <011201be932e\$21c219e0\$0f1215ac@classifiedventures.com>

Try <http://www.barrysclipart.com>

73 chris aa9hd

>
> I am looking for ham radio clip art (CW especially). Does anyone know of a
> site that this may be downloaded?
> Thank you for your time.
>

Date: Fri, 30 Apr 1999 13:25:21 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39365] Re: NorCal #
Message-ID: <013201be932e\$6d457600\$705445c6@wb3aal>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks Everyone!!

72 & 73
Good DXing
Ron de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	
KL7 QRP # 309	NJ QRP #179
ARCI QRP # 5318	G-QRP # 3031
NorCal #	Zombie #625

Date: Fri, 30 Apr 1999 17:35:03 +0100
From: The Wheelers <rains@digisys.net>
To: QRP-L Message <qrp-l@lehigh.edu>
Subject: [39366] Re: TS-520 Finals
Message-ID: <3729DBB7.C81F0A39@digisys.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In years past when low power commercial broadcast stations were required to drop their power from 1000W to 250W at sundown, it was common for the transmitters to switch in a resistor in the screen supply to cut the voltage in half. Since the power is related to the square of the voltage, half the screen voltage resulted in one fourth the output power.

Nothing was done to the drive levels, so I think a modification such as this would work on our ham transmitters. A different reduction factor would seem to result in a different ratio of output.

They also used a phasing system to condition the audio for 125% modulation on the positive peaks while maintaining 100% on the negative audio peaks to increase the apparent loudness of the audio.

I still have schematics of a couple of these units, and have often thought of trying something similar with a ham transmitter. I just need to get that darn code down better so I can get above my Tech+ so I can use voice.

Vern, N7SPK

Date: Fri, 30 Apr 1999 14:04:10 -0400
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: n.caruso@rcn.com
Cc: qrp-l@lehigh.edu
Subject: [39367] Re: Two questions about construction techniques in 2N2/40
Message-ID: <3.0.1.32.19990430140410.0070881c@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 09:18 AM 4/30/99 -0400, you wrote:

>Where can I get the ADEL nibbling tool you mentioned, and also, how did
>you make/obtain the round pads used in some of the circuitry? I've been
>playing around with dead-bug construction and the pads really seem to be
>a big improvement!

>

> thanks and 73

> nick caruso kb1dej

>

Hi Nick....nice to hear from you. The ADEL nibbling tool is available from Aircraft Tool Supply. I found them on the internet, and can't remember their URL, but I'll go looking for it again, and pass it on to you when I find it. Mine is from the 1950's era and I got it from Allied or Olson radio many years ago.

The round pads were made with a hand punch that is available from Harbor Freight and other tool supply places. I've used both 5/32 and 3/16 inch diameter, and those sizes are the easiest to use I think. Phenolic and glass bases PC board material seems to work equally well with the punch, although, I suspect the Phenolic causes less wear on the punch surfaces.

Really thin super glue works the best for attaching the pads to the substrate.

72 and kind regards.....Jim, K8IQY

Date: Thu, 29 Apr 1999 14:14:42 -0700
From: "C.Lamar Derk" <n3at@enter.net>
To: <qrp-1@lehigh.edu>
Subject: [39368] to-5 standoff for Norcal 20
Message-ID: <007f01be9285\$7567dfc0\$4ddbaacc@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have reached the point where I want to install Q6 in my NC 20, and the manual calls for a T0-5 standoff insulator to separate it from the pc board. I don't know if I misplaced that piece when I separated the pieces, or if it was not in the kit when I received it. At any rate, I don't have the T0-5. Could someone on the list tell me where I could find one, or what kind of material it is made from (I could probably make one myself if I were sure I had the correct material. Thanks for reading this, and for any replies that may come my way.

72 de Lamar

Date: Fri, 30 Apr 1999 14:27:09 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-1@Lehigh.EDU>
Subject: [39369] ARRL Propagation Bulletin #018
Message-ID: <002001be9337\$0eed0010\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QST de W1AW
Propagation Forecast Bulletin 18 ARLP018
>From Tad Cook, K7VVV
Seattle, WA April 30, 1999
To all radio amateurs

SB PROP ARL ARLP018
ARLP018 Propagation de K7VVV

Solar flux and sunspots were down again this week, although with

activity so low, it couldn't really drop very far. Solar flux has taken a jump in the past couple of days, with solar flux up about 20 points on Thursday compared to earlier in the week. The predicted solar flux for this weekend, Friday through Sunday is 125, 130 and 135, and the Planetary A index is predicted at 25, 30 and 30. The geomagnetic field has been active for the past few days due to coronal holes, and this should continue.

Beyond the weekend, higher solar flux should continue, with values around 140 or higher. Solar flux is expected to drop down to around 125 again by May 11, and 110 a week later.

Jim Secan of Northwest Research Associates (www.nwra.com) wrote to emphasize that when we notice this solar cycle in a stall, it is important to keep in mind that when we are comparing it with past cycles, we are often looking at smoothed charts with moving averages. Jim says that it is not at all unusual for a solar cycle to stall like this, and in fact cycle 19 of the late 1950s, fondly recalled by radio amateurs as the biggest solar cycle of all time, did this as well. Predicting solar cycles is based upon statistical observations but without very many cycles to base it on. Jim says that the latest revised forecast from the NOAA Space Environment Center puts the peak of the cycle probably around late 2000. Since the peak of any cycle is really spread over a couple of years, fixing a particular season and year is probably not realistic.

I received a couple of nice notes from Shel Shallon, W6EL, author of the popular Mini Prop propagation software, and from Orlando, KT4KF. They both pointed out that solar flares and coronal mass ejections are not the same. A solar flare releases particles which may cause a coronal mass ejection, and if it is strong enough, the ejection can hit earth, which a flare never does. Shel mentioned that a coronal mass ejection may contain a billion tons of matter and travel at several million miles per hour. Coronal mass ejections may also appear independently of flares.

K0FF wrote that on Wednesday he worked many South American stations on six meters from Northeast Missouri. This was during a period when the geomagnetic conditions were unsettled, but not active or stormy.

Sunspot Numbers for April 22 through 28 were 62, 71, 89, 69, 69, 82 and 76 with a mean of 74. 10.7 cm flux was 100.2, 98.2, 100.9, 102.6, 104.5, 108.6 and 109.8, with a mean of 103.5, and estimated planetary A indices were 4, 5, 7, 5, 7, 14 and 19, with a mean of 8.7.

The path projection for this weekend is from Hawaii.

To Western Europe, 30 meters 0430-0630 UTC, 20 meters 0400-1500 UTC, 17 meters 0630-1130 UTC and 1430-2100 UTC, 15 meters around 1700 UTC.

To Eastern Europe, 20 meters 0400-1800 UTC, 17 meters 0500-1200 UTC, 1500-2000 UTC, and perhaps 15 meters around 0700-1130 UTC or 1530-1900 UTC.

To Southern Africa, 40 meters 1530-1630 UTC, 30 meters 1430-1700 UTC, 20 meters 1330-1830 UTC, 17 meters 1200-2100 UTC, 15 meters 0900-1230 UTC and 1700-2300 UTC, 17 meters 1900-2300 UTC and 0430-1100 UTC, 10 meters 0430-0900 UTC and 2030-2200 UTC.

To the Caribbean, 80 meters 0430-1030 UTC, 40 meters 0300-1100 UTC, 30 meters 0230-1230 UTC, 20 meters 0030-1430 UTC, 17 meters all hours, strongest signals 0430-0530 UTC, weakest 1430-1500 UTC, 15 meters 1530-0500 UTC, 12 meters 1700-0400 UTC, 10 meters 1830-2100 UTC.

To South America, 80 meters 0430-1100 UTC, 40 meters 0400-1130 UTC, 30 meters 0300-1200 UTC, 20 meters 0100-1400 UTC, 17 meters 1100-1300 UTC and 1500-1700 UTC and 2200-0800 UTC, 15 meters 1600-0730 UTC, 12 meters 1630-0700 UTC, 10 meters 1730-0600 UTC.

To Alaska, 80 meters 0530-1500 UTC, 40 meters 0400-1630 UTC, 30 meters all hours, best signals 0730-1230 UTC, worst signals 2130-2300 UTC, 20 meters 0000-1030 UTC and 1500-1930 UTC, 17 meters 2200-0630 UTC.

To the South Pacific, 80 meters 0500-1630 UTC, 40 meters 0330-1800 UTC, 30 meters all hours, best signals 0600-1530 UTC, worst signals 2200-2330 UTC, 20 meters 1700 UTC-1430 UTC, 17 meters 1730-1100 UTC, 15 meters 1800-0900 UTC, 12 meters 1830-0630 UTC, 10 meters 2000-0530 UTC.

To Australia, 80 meters 0700-1630 UTC, 40 meters 0630-1700 UTC, 30 meters 0530-1800 UTC, 20 meters all hours, strongest signals 0800-1500 UTC, weakest 2330-0030 UTC, 17 meters 2030-0830 UTC, 15 meters 2100-0800 UTC, 12 meters 2130-0700 UTC, 10 meters 2200-0630 UTC.

To Japan, 80 meters 0900-1630 UTC, 40 meters 0730-1730 UTC, 30 meters 0600-1900 UTC, 20 meters all hours, best signals 0930-1600 UTC, weakest 2330 UTC, 17 meters all hours, strongest 1000-1300 UTC, weakest 2300-0200 UTC, 15 meters 1930-1230 UTC, 12 meters 2100-1100 UTC, 10 meters 2230-1000 UTC.

To Central Asia (India), 80 meters 1330-1600 UTC, 40 meters 1230-

1630 UTC, 30 meters 1200-1730 UTC, 20 meters 0930-1930 UTC, 17 meters 0700-1330 UTC and 1500-2030 UTC, 15 meters 0000-1200 UTC and 1700-1900 UTC, 12 meters 0130-1030 UTC, 10 meters 0300-0900 UTC.

NNNN

/EX

Date: Fri, 30 Apr 1999 14:37:24 -0400
From: "ROBERT EVANS" <revans@sarnoff.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39370] Y2K UNOFFICIAL EMERGENCY PREPAREDNESS FREQUENCY : 3686.4KHZ
Message-ID: <3729F864.C1D1790D@sarnoff.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You might add to the list of QRP calling frequencies 3686.4KHz. This is the Y2K primary UEPF (Unofficial Emergency Preparedness Frequency).

When the computer locks-up, you just cut this crystal out of an old UART comport board and build a transceiver.

The UUU (Unofficial Undirected Uncontrolled) nets are daily at midnight local time for each time zone. You may check-in or not check-in with or without traffic at any time. Calling CQ or answering one is encouraged. QSO's with other time zones is also encouraged.

Calling CQY is a thought.

The UUU is not to be confused with the WWW which has twice as many U's.

A suggested exchange is your local time zone code.

For example EDT EST CST.

Working all time zones is not required, but might be fun.

Working a QRO station if you are QRO is okay. 1 merit

Working a QRP station if you are QRO is just fine. 2 merits

Working a QRO station if you are QRP is good thing. 4 merits

Working a QRP station if you are QRP is better yet. 8 merits

Working a Home Brew station or being one is remarkable. 16 extra merits

If you want to keep track of your merits that's okay.

The secondary UEPF is 3579.545 KHz
(found in old NTSC television chroma circuits)

The tertiary UEPF is 1843.2 KHz
(also found in old UART comports)

Therefore:

Alpha : 3686.4KHz = YUEPF1
Bravo : 3579.545KHz = YUEPF2
Charlie : 1843.2KHz = YUEPF3

Adding more UEPF's to this list is encouraged.
Totally disregarding these UEPF's is fine.

This is not a contest. There aren't any certificates.
This does mean you can't send cards to one another.

This activity can start whenever you have a little spare time.
It ends when the spare time is exceeded. If more spare time
appears then it can start again.

Remember this is UNofficial.
But, should not be confused with the
UN (Unitied Nations) which is very official.

Mode: CW
(the dying art and ancient protocol of telecommunications)

CU DE N2LO~>

Date: Fri, 30 Apr 1999 14:47:14 -0400
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: qrp-1@lehigh.edu
Subject: [39371] ADEL Nibbling Tool
Message-ID: <3.0.1.32.19990430144714.00710e50@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Gang.....I just called Aircraft Tool Supply (1-800-248-0638)
and they no longer handle the ADEL nibbling tool. They can supply
a hand nibbler, made by CG Electronics for \$14.95, and
it is their part number 64823. The person I talked with said

the chits produced are about the same size as an ADEL, and that it should handle 1/16 inch thick PC board material.

However, if you want a real ADEL nibbling tool, they are available from U.S. Industrial Tool and Supply, here in Michigan, for about \$25.00. It is part their part number TP81. I think the wholesale (dealer) price is \$18.00, so maybe someone will want to coordinate a group buy. Their number is (800) 521-7394.

72 and kind regards to all.....Jim, K8IQY

Date: Fri, 30 Apr 1999 14:58:06 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <revans@sarnoff.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39372] Re: Y2K UNOFFICIAL EMERGENCY PREPAREDNESS FREQUENCY : 3686.4KHZ
Message-ID: <001d01be933b\$62d2faa0\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>The secondary UEPF is 3579.545 KHz
>(found in old NTSC television chroma circuits)

Sounds like the 'thought exercise' challenge a friend and I had a number of years ago. The idea being to come up with the simplest easiest to build transmitter possible. I lost, using a transistor and a crystal. My freind took a TV colorburst crystal and put it between two gates in a hex inverter with resistors swamping it to linear mode. Then keyed by 'shorting' (OK, actually 'unshorting'. Would have been wierd to operate if you tried to use a generic key on the thing!) another gate further in line, driving the antenna directly from two of the inverters in parallel. One 14 pin chip, one crystal, a few 910 ohm resistors and I think he put a variable cap on it to drag the crystal and make it at least a little bit tubable.

Mike Yetsko

Date: Fri, 30 Apr 1999 14:07:20 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: rains@digisys.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39373] Re: TS-520 Finals
Message-ID: <3729FF68.A785B5E9@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"Extended Positive Peak Modulation" was discussed at length in late 1930's issues of RADIO magazine, the forerunner to CQ. Note that this speech waveform polarity business is effective only on AM and should be avoided on SSB.

It seems that some voices have the unique property of producing asymmetrical waveforms, in the sense that positive peaks exceed the amplitude of negative peaks. No, they don't have a d-c component!

Basically, the notion was to modify transformer (or whatever) polarities somewhere in the audio chain - beginning with the microphone if possible - and see what polarization produced the most modulated power output with the least amount of "modulation negative shift." How many of you old coots remember that one from the Class A exam?

I parlayed this approach big time on my last homebrew AM rig in 1948-49. I used a 50-watt public address amp (with the 6L6 finals replaced with a dual-triode modulator tube -don't remember what) to modulate a 250-watt 813 final. The old D104 really did it with clean audio and "ample" modulation.

See, all my sinful QRO operation was in "the old days" when I didn't know better!

;^)

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

The Wheelers wrote:

>

> They also used a phasing system to condition the audio for 125%
> modulation on the positive peaks while maintaining 100% on the

> negative audio peaks to increase the apparent loudness of the audio.
>

Date: Fri, 30 Apr 1999 15:03:50 -0400
From: Stephen Gibson <SWGibson@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [39374] NC20 Kit
Message-ID: <3729FE96.2B591E93@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

To all, except one, who e-mailed re the NC20 kit I'm sorry but it has been sold.

Steve, WB4NBI

Date: Fri, 30 Apr 1999 14:33:23 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <myetsko@insydesw.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [39375] RE: Y2K UNOFFICIAL EMERGENCY PREPAREDNESS FREQUENCY : 3686.4KHZ
Message-ID: <000001be9340\$509dee30\$d8016f81@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I made one of those once. It had significant harmonics up into 10 meters! Not too cool. A small low pass filter fixed it.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Mike Yetsko
> Sent: Friday, April 30, 1999 1:58 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Y2K UNOFFICIAL EMERGENCY PREPAREDNESS FREQUENCY
> : 3686.4KHZ
>

>
> >The secondary UEPF is 3579.545 KHz
> >(found in old NTSC television chroma circuits)
>
>
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> a number of years ago. The idea being to come up with the
> simplest easiest to build transmitter possible. I lost, using a
> transistor and a crystal. My freind took a TV colorburst crystal
> and put it between two gates in a hex inverter with resistors
> swamping it to linear mode. Then keyed by 'shorting' (OK,
> actually 'unshorting'. Would have been wierd to operate if you
> tried to use a generic key on the thing!) another gate
> further in line, driving the antenna directly from two of the
> inverters in parallel. One 14 pin chip, one crystal, a few
> 910 ohm resistors and I think he put a variable cap on it to
> drag the crystal and make it at least a little bit tubable.
>
> Mike Yetsko
>
>
>
>

Date: Fri, 30 Apr 1999 15:42:47 -0400
From: RON TODD <k4wz@bellsouth.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [39376] test
Message-ID: <372A07B7.E3C02C56@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

test

Date: Fri, 30 Apr 1999 14:01:06 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@lehigh.edu>
Subject: [39377] Switch boxes
Message-ID: <01BE9311.E7690860.bmug@gwl.com>

OK,

I just got confirmation that my order will be shipped today from Mouser. I know what I want for an enclosure - now I just need to find one.

de KI00T, Brad

Date: Fri, 30 Apr 1999 16:17:11 -0400
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [39378] Need Advice on Charging 6v 13ahr gel cells
Message-ID: <199904302018.QAA90976@pimout2-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

I want to buy a few 6 volt 13 amp hour gel cells for portable use. Not sure what's best method to charge them.

Can I charge them in series, or must the be charged one at a time? Any thoughts would be greatly appreciated; what voltage to charge, etc.

Thanks for info. If you could send e-mail privately (and cc: QRP-L as an FYI) that'd be great. I'm in digest mode and would like to pick up the batteries soon.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Fri, 30 Apr 1999 13:23:23 -0700 (PDT)
From: Ron Stark <ku7y@dri.edu>
To: QRP-L AAlist <qrp-l@Lehigh.EDU>
Subject: [39379] Not QRP - Computer help
Message-ID: <Pine.SOL.3.96.990430132127.3219A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Does anyone know how (if) to make up a plug to go into the keyboard socket on a computer so that it will boot without a keyboard being plugged in?

The bios in this unit doesn't have an option to turn the keyboard check off.

Thanks,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 30 Apr 1999 16:32:25 -0400
From: Ronald McConnell <rcmcc@lucent.com>
To: "'QRP-L'" <qrp-l@lehigh.edu>
Cc: "'Michael-KC1SX Tracy'" <mtracy@arrl.org>, "'w3ep@arrl.org'" <w3ep@arrl.org>, "'Ronald McConnell'" <rcmcc@lucent.com>
Subject: [39380] Bearings, distances, grids, MUFs, etc. FREE
Message-ID: <01BE9327.09143740@daystar.amc.bell-labs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

John, N3AAZ, blew my cover and tooted my horn
on qrp-l last week, :) :)
including most of the long, verbose note that I sent him.
So I will cut this one a little shorter.

I have a DOS great-circle/MUF freeware program, GCGC,
that you may want to try. It does (or has):

- great circles: bearings, distances
- ellipsoidal earth models (US NGS) (like the fine W9IP BD.exe
 - except with a choice of Clarke 1866, WGS-84 & other models)
- magnetic bearings (US DoD World Magnetic Model)
- MaxiMUF (NM7M) flux or spots in, tables and plots out
- lat+long/grid-locator input/output
- default home location
- DOS command line or file input
- screen &/or file output

DX database (replaces the 3-year old dx_w2iol data at QRZ and ARRL)

- up to date as of E4 and VY0
- 2-step link to great-circle/MUF for now, direct in a future

version

Unused features are hidden until you call for them.

You can do a full blown great circle and MUF run
or only a lat/long-grid conversion with a few keystrokes
more or less.

A DOS command line like

```
g 51.5 n 0 e 130 f
```

will yield bearings, distances, MUFs from your qth
to Greenwich, England for a flux of 130,
if you have added your lat/long or grid
to the little ASCII file "home.dat" as the first line.

Flexible input format was a major goal: or
"Easy on the humans, not easy on the computer."

If you are interested, you can download a copy (272k) from

<http://home.adelphia.net/~nj2dx/hoarc/gcgc9900.zip>

Unzip the package into its own directory
since there are several files. Skim through "readme.1st"
and "dxreadme.txt." Read the rest of the *.txt files
when/if you are ever interested. A version
with the same name and just cleaned up
text files will likely be uploaded sometime this weekend.

Unfortunately, tests with dosemu under Linux coughed
up "segfaults." Joop, PA4TU, who keeps the Linux ham
software page, www.casema.net/~aba, suspects a bug in
the beta version of free-dos or dos-C.

As Chuck Adams has correctly noted, ellipsoidal earth
models are a bit of an overkill for Miles per Watt and
pointing dipoles (or even big beams)
when one rarely knows the lat/long that close (pre-GPS?)
or the power even less close. BUT I had the code,
so why not?

BIG, BIG THANKS to WA0UIG, N4SO, NM7M & KC1SX (ARRL)
for helping clean up and debug this thing.!!

Comments, suggestions and (especially) corrections are welcome.
Pass it on to anyone that may be interested.

It's Friday. It can't be all bad.

Cheers, 73,

Ron McConnell, w2iol

rcmcc@lucent.com

Date: Fri, 30 Apr 1999 17:19:56 -0400
From: "ROBERT EVANS" <revans@sarnoff.com>
To: Mike Yetsko <myetsko@insydesw.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [39381] Re: Y2K UNOFFICIAL EMERGENCY PREPAREDNESS FREQUENCY : 3686.4KHZ
Message-ID: <372A1E7B.DCBF299C@sarnoff.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Neat!

I used a SMD 74HCU04 with 1Meg and a parallel res. xtal across the first inverter.

I capacitively coupled a BB132 to make a VXCO for aprox 50Mhz.

Easily would work with lower frequency xtals.

Two more inverters were in series driving three in parallel.

More than enough to drive a few TTL loads.

The hole thing fit on a 14pin DIP header which was the point at the time.

The expensive VXCO's delivered for a project were ordered with the wrong

frequency. Slapped this together to make the system play. Worked great.

CU DE N2LO~>

Mike Yetsko wrote:

> >The secondary UEPF is 3579.545 KHz

> >(found in old NTSC television chroma circuits)

>

> Sounds like the 'thought exercise' challenge a friend and I had

> a number of years ago. The idea being to come up with the
> simplest easiest to build transmitter possible. I lost, using a
> transistor and a crystal. My freind took a TV colorburst crystal
> and put it between two gates in a hex inverter with resistors
> swamping it to linear mode. Then keyed by 'shorting' (OK,
> actually 'unshorting'. Would have been wierd to operate if you
> tried to use a generic key on the thing!) another gate
> further in line, driving the antenna directly from two of the
> inverters in parallel. One 14 pin chip, one crystal, a few
> 910 ohm resistors and I think he put a variable cap on it to
> drag the crystal and make it at least a little bit tubable.
>
> Mike Yetsko

Date: 30 Apr 99 17:21:56 EDT
From: Roy Lincoln <wa4dou@usa.net>
To: qrp-1@lehigh.edu
Subject: [39382] Re: [Re: PLEASE TURN OFF QUOTES in reply]
Message-ID: <19990430212156.10738.qmail@nw171.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Ron Stark <ku7y@dri.edu> wrote:
Hi All,

I think that clost to 90% of the people on the list are =

very good about NOT including full messages as quotes and
I thank you all for that!

Of the other 10%, I'll bet that most of them don't even
know that they can turn that "feature" off!

-----=
-
Hi Ron,

I think you are right on target. As for me, i'm sure i'm sometimes an
offender. The only way i know to do it is thru manual editing! TNX es 73 =
Roy

WA4DOU-----
-----=
-

> Paul,
> =

> Count me among those who got really pissed off that somebody would do
that
> to you. And to us! Snitching on a friend doesn't go over well.
> =

> As a related aside, from my point of view, you've done more for the goo=
d
> image of the NRAO, and solar information, than any one or anything that=
i
> know of. You didn't mention it, but I hope your employer saw that whole=

> thing for what it was (ridiculous and childlike).
> =

> I certainly hope the guilty party comes forth and fesses up - I for one=

> hope I don't belong to that "other QRP club".
> =

> 72/73,
> --adam, ak0p
> =

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Fri, 30 Apr 1999 22:12:39 +0100
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [39384] County Hunter Contest this weekend
Message-ID: <19990430.221239.11918.1.wd3p@juno.com>

This weekend is the annual county hunter contest. They tend to congregate around 14050 and 7039, but who knows how much they will spread into the QRP areas, especially on 40 Meters. But if you need a state then go for them, most have great ears and are used to working weak signals. I worked VE2EM/M/W1 in ME yesterday at 30 mWatts and today at 500 mWatts. I haven't done the math but the first QSO should come in at about 20,000 miles per watt. One of my best QSO was with W1TEE/M in SD for 30,000+ miles per watt.

Have Fun, 72 de Larry.....WD3P in MD

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Date: Fri, 30 Apr 1999 20:43:54 +0100
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [39385] The AR contests standing
Message-ID: <19990430.221239.11918.0.wd3p@juno.com>

It is time for what has become my monthly update on the AR Millennium and the AR WAS QRPP contest.

This has not been a real good month. I missed the QRP Spring QSO party due to a family trip into WV, and the QRPTTF was cut short by kids baseball and other activities.

For the Millennium award the count is 670 QSO which is still on pace for the requisite 2000.

For the WAS QRPP contest I added two states picking up OR at 500 mWatts in the April Spartan sprint. And just yesterday I snagged ME at 30 mWatts from a mobile. Still need IL, MT, ND, WA, WV and WY. Worked WY twice this month at 4 Watts, but he just could not pull in the QRPP signal. There is a good chance of getting MT, ND, and WY this month as a number of mobiles will be heading that way. So the current standing is three months down, 44 state done with a total power of 8.47 Watts.

On the good side I picked up a used Ten Tec QRP step attenuator (model 590 for those who must know) so now I've got a bit more flexibility on the power level I can use.

73/72 de Larry.....WD3P in MD
Running QRPP mostly with the Wilderness Sierra and a dipole.....

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Date: Fri, 30 Apr 1999 16:17:45 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [39386] Changing of the Guard at OHR
Message-ID: <3.0.3.32.19990430161745.00963720@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just received via the ARRL Letter:

>* Milestone acquires Oak Hills Research: Milestone Technologies Inc has
>acquired kit manufacturer Oak Hills Research. Milestone President, Marshall
>Emm, N1FN, says his company acquired all assets including the Oak Hills Web
>site. Oak Hills was started by QRP guru Doug DeMaw, W1FB. For the last nine
>years, it's been run by Dick Witzke, KE8KL, who will continue to provide
>service and alignments on a contract basis. Oak Hills Research will be
>operated as a separate division under the Milestone corporate umbrella. The
>immediate plan is to continue to produce the current line of kits, but Emm
>said the company is looking forward to adding new products.

Obligatory note (so I don't get accused of breaking ARRL's copyright rules):

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>form, including photoreproduction and electronic databases. Credit must be
>given to The ARRL Letter and The American Radio Relay League.
>

Date: Fri, 30 Apr 1999 17:50:12 -0500
From: Jay Freeman <jayFreem@direcpc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39387] New to the list...
Message-ID: <372A33A4.2396D22A@direcpc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy all,

I've been reading the mail for a few days, and thought it was time to jump in and say hi. I'm new to qrp and fairly new to building stuff. I am working on a kit I ordered from C.M. Howes. Actually it's about 3 kits, rcvr, xmtr, and a link module to interface them. I finished the receiver tonight and it even works! I ordered the kits with modules for 15m, thinking this would be a good time in the sunspot cycle to get on

15. So far that hasn't panned out :). I'd be interested in hearing experiences from anyone who's put together a Howes kit. So far I am favorably impressed with ease of assembly and so forth. I can't wait to actually get it on the air though, for the real world test.

73,

Jay Freeman - WT9S

Date: Fri, 30 Apr 1999 18:59:10 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [39388] ARCI QRP Contest Results
Message-ID: <001101be935d\$0fe41500\$645445c6@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello,

I had to redo my computer and I lost some e-mail.
Where do I send my results for the ARCI QRP
Contest results? I know Cam stepped down, but
I can't remember who took over.

72 & 73
Good DXing
Ron de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10-10 #13173
NorCal #	Zombie #625

End of QRP-L Digest 1443
